Recombinant GLG1 (Golgi Glycoprotein 1) (Marker for Human Cells) Antibody

Rabbit Monoclonal Antibody [Clone GLG1/7174R]

Catalog No	Format	Size
2734-RBM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2734-RBM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2734-RBM4-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

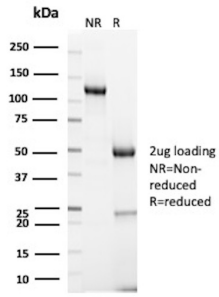
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

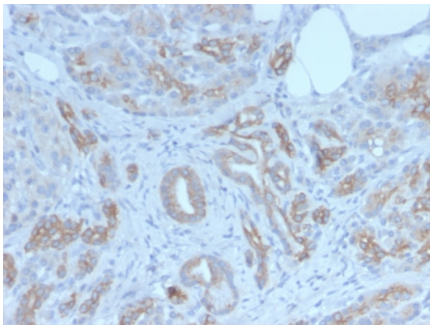
Clone	GLG1/7174R
Immunogen	SU-DHL-1 large cell lymphoma
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	134.55kDa
Cellular Localization	Cytoplasm, Cytoskeleton, Golgi apparatus membrane, Golgi outpost, Microtubule organizing center
Species Reactivity	Human
Positive Control	A431 or HeLa cells. Human placenta, HePG2, tonsil or ovary.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant GLG1 (Golgi Glycoprotein 1) (Marker for Human Cells) Antibody



SDS-PAGE Analysis of Purified GLG1 Recombinant Rabbit Monoclonal Antibody (GLG1/7174R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human breast carcinoma stained with GLG1 Recombinant Rabbit Monoclonal Antibody (GLG1/7174R).

Specificity & Comments

This MAb recognizes a protein of 134kDa, which binds fibroblast growth factor and E-selectin (cell-adhesion lectin on endothelial cells mediating the binding of neutrophils). Fucosylation is essential for binding to E-selectin. It contains sialic acid residues and 16 Cys-rich GLG1 repeats. This MAb can be used to stain the Golgi complex in cell or tissue preparations and can be used as a Golgi marker in subcellular fractions. It produces a diffuse staining pattern of the Golgi zone in normal and malignant cells. This MAb is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells. The Golgi apparatus is an organelle present in all eukaryotic cells that forms a part of the endomembrane system. The primary function of the Golgi apparatus is to process and package macromolecules synthesized by the cell for exocytosis or use within the cell. The Golgi is made up of a stack of flattened, membrane-bound sacs known as cisternae, with three functional regions: the cis face, medial region and trans face. Each region consists of various enzymes that selectively modify the macromolecules passing though them, depending on where they are destined to reside. Several spherical vesicles that have budded off of the Golgi are present surrounding the main cisternae. The Golgi tends to be more pronounced and numerous in cells that make and secrete many substances such as plasma B cells.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.